

FINN
7N-89-OR
OCT.
45311

Grant Number: NAG5-1675
Principal Investigator: Dr. Anne Kinney
Institution: STScI
Project Title: *An Atlas of Low-Dispersion IUE Spectra of Late Type Galaxies*

P-3

The work on The Atlas of Low-Dispersion Ultraviolet Spectra of Quasars has been fully completed, resulting in a publication of over 70 pages. This Atlas has been used as the main reference for HST observations of quasars, since it listed reference fluxes for a large set of quasars and blazars. Our Atlas also provided evidence for the variability in quasars and blazars; variability that is strong in the ultraviolet, while it remains marginal in the optical. One very interesting result of the study was that the blazars and the quasars differentiate themselves by their variable behavior. The blazars can be identified in the optical by their variability, while in the ultraviolet, the blazars and the quasars both show strong variability. The Atlas has been released digitally, and is available to astronomers via the NSSDC and also via anonymous ftp at STScI.

(NASA-CR-198036) AN ATLAS OF
LOW-DISPERSION IUE SPECTRA OF LATE
TYPE GALAXIES Final Technical
Report (Space Telescope Science
Inst.) 3 p

N95-70967

Unclass

29/89 0045311

EQUIPMENT AND PROPERTY INVENTORY REPORT

Principal Investigator: Dr. Anne Kinney

Grant : NAG5-1675

Equipment/Property Purchased:

DESCRIPTION	MODEL	UNIT COST
Microvax 3000 Memory	N/A	\$3,282
TOTAL		\$3,282

PATENT/INVENTION REPORT

Principal Investigator: Dr. Anne Kinney

Grant : NAG5-1675

Patents/Inventions Developed: NONE